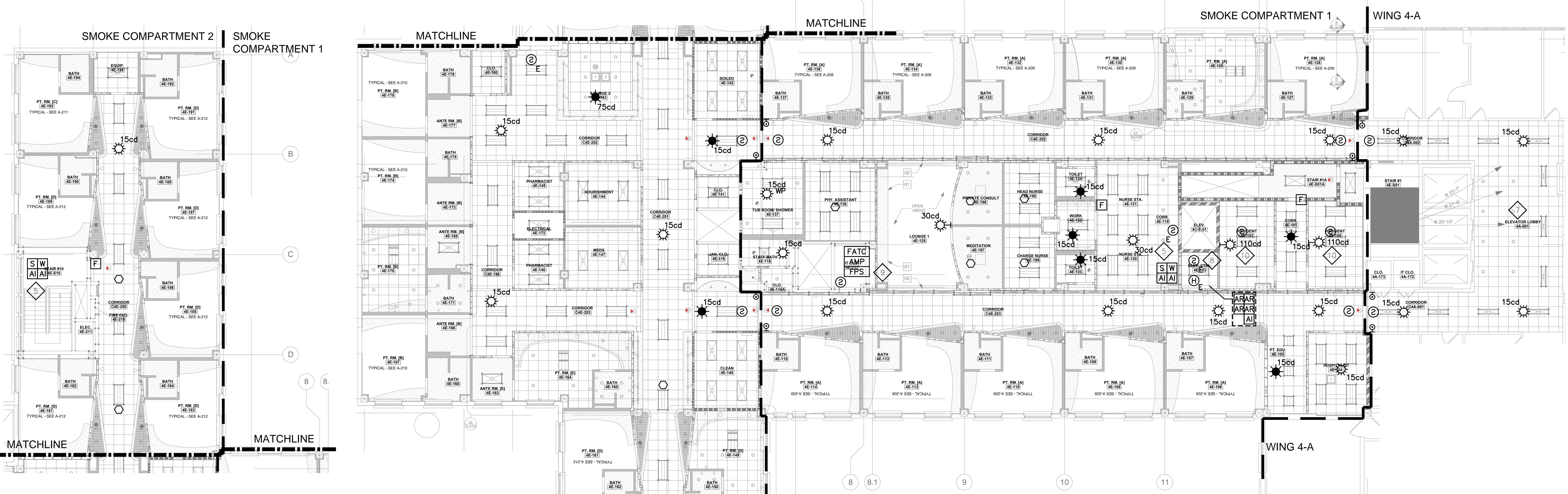


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



NOTES

- 1 PROVIDE SMOKE DETECTORS AND ELECTROMAGNETIC DOOR HOLDERS ON BOTH SIDES OF SMOKE WALL DOORS. PROGRAM EACH DETECTOR FOR THE RESPECTIVE ZONE IT IS LOCATED IN.
- 2 MINOR DEMOLITION AND NEW WORK TO BE PERFORMED ON FLOOR BELOW FOR CONSTRUCTION OF ELEVATOR PIT. SEE ARCHITECTURAL DRAWINGS FOR DETAILS.
- 3 PROVIDE ADDRESSABLE RELAY(S) TO CLOSE FIRE/SMOKE DAMPERS. ADDRESSABLE RELAY SHALL OPEN NORMALLY CLOSED 120VAC BREAKER IN DAMPER POWER CIRCUIT TO INTERRUPT POWER TO DAMPERS. PROVIDE ADDRESSABLE RELAY TO REDUCE ISOLATION ROOM AIRFLOW WHEN AIR HANDLING UNITS SERVING 4E-3 ARE SHUT DOWN. COORDINATE WITH MECHANICAL CONTRACTOR FOR INSTALLATION OF THESE DEVICES.
- 4 PROVIDE KEYED REMOTE TEST STATIONS FOR DUCT SMOKE DETECTORS. TEST STATIONS SHALL BE MOUNTED NO MORE THAN 54" AFF AND LOCATED WHERE INDICATED BY THE COTR.
- 5 PROVIDE ADDRESSABLE INTERFACES TO MONITOR SPRINKLER SYSTEM WATER FLOW AND VALVE TAMPER SUPERVISORY SWITCHES. WATER FLOW AND VALVE TAMPER DEVICES SHALL BE PROVIDED BY THE SPRINKLER CONTRACTOR; ALL CONNECTIONS TO THE FIRE ALARM SYSTEM SHALL BE PERFORMED BY THE FIRE ALARM CONTRACTOR.
- 6 THE MAIN FIRE ALARM / VOICE EVACUATION CONTROL PANEL IS LOCATED IN SUB-BASEMENT CONTROL CENTER. PROVIDE TERMINAL CABINET, REMOTE POWER SUPPLIES, REMOTE AMPLIFIERS, AND OTHER REMOTE MODULES AS REQUIRED IN WING 4E ELECTRICAL CLOSET. PROVIDE ALL REQUIRED MODULES AT THE MAIN PANEL IN THE SUB-BASEMENT. EXISTING FACP IS A SIEMENS MXL-V.
- 7 DEVICES IN WING 4A SHALL BE ZONED FOR WING 4A UNLESS OTHERWISE DIRECTED BY THE OWNER.
- 8 ELEVATOR MACHINE ROOM HEAT DETECTOR SHALL BE INSTALLED WITHIN 24 INCHES OF THE ASSOCIATED SPRINKLER. PROVIDE ADDRESSABLE RELAYS FOR ELEVATOR RECALL (PRIMARY AND SECONDARY), ACTIVATION OF THE "FIREMAN'S HAT" LIGHT (STEADY AND FLASHING), AND ACTIVATION OF ELEVATOR POWER SHUNT TRIP. PROVIDE AN ADDRESSABLE INTERFACE TO MONITOR SHUNT TRIP POWER. RELAYS SHALL BE LOCATED WITHIN 3 FEET OF THE ELEVATOR CONTROLLER.
- 9 PROVIDE SEPARATE REMOTE POWER SUPPLY PANELS AND AMPLIFIERS FOR EACH SMOKE COMPARTMENT.
- 10 STROBES IN RESIDENT ROOMS SHALL BE LOCATED PER SLEEPING ROOM VISIBLE NOTIFICATION GUIDELINES AND SHALL BE LOCATED AT LEAST 24 INCHES BELOW THE CEILING AND WITHIN 16' OF THE PILLOW.
- 11 THE EXISTING FATC IN WING 4E IS IN EXISTING IT CLOSET TO REMAIN. CONTRACTOR RESPONSIBLE FOR PROVIDING ALL WIRE, CONDUIT, JUNCTION BOXES, SCREW TERMINALS, AND OTHER MATERIALS REQUIRED TO CONNECT NEW DEVICES TO THE EXISTING FACP. EXISTING WIRE AND CONDUIT MAY BE REUSED. ANY CONDUIT OR WIRE THAT IS REUSED SHALL MEET ALL REQUIREMENTS FOR NEW CONDUIT AND WIRE, INCLUDING SIZE, RATING, FILL CAPACITY, CONDITION, ETC.
- 12 ALL FLOOR SLAB PENETRATIONS SHALL BE LOCATED AND SIZED IN ACCORDANCE WITH STRUCTURAL REQUIREMENTS AS SHOWN IN STRUCTURAL DRAWINGS.

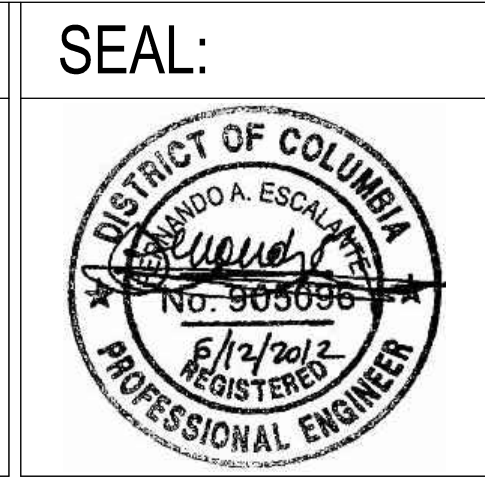
1 FOURTH FLOOR FIRE ALARM PLAN
1/8"=1'-0"

CAUTION: IF THIS PLAN IS A REDUCTION GRAPHIC SCALE MUST BE USED

0 2' 4' 8' 16' 24'
GRAPHIC SCALE 1/8"=1'-0"

CONSTRUCTION DOCUMENTS 100% - FOR BID	06/12/2012
CONSTRUCTION DOCUMENTS 100% SUBMITTAL	06/22/2011
CONSTRUCTION DOCUMENTS 95% SUBMITTAL	02/01/2011
DESIGN DEVELOPMENT 50% SUBMITTAL	06/21/2010
SCHEMATIC DESIGN 15% SUBMITTAL	05/03/2010
Revisions:	Date

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CA PROJECT 00938.02

Drawing Title	FOURTH FLOOR FIRE ALARM PLAN
Approved: Project Director	

Project Title	VA MEDICAL CENTER 4E PATIENT WARD EXPANSION
Location	WASHINGTON DC
Date	04/20/2010
Checked	FAE
Drawn	PAM

Project Number	688-336
Building Number	E
Drawing Number	FA-102

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